

COLSF
Colbert 8.2 V1

ABC LABORATORIES, INC.
EAST 4922 UNION AVENUE
SPOKANE, WA 99219
509-534-0161

REPORT TO: Spokane County Dept. of Utilities
N. 811 Jefferson
Spokane, WA 99210

LAB NO: 32302-89
DATE: 4-24-89
SAMPLE DATE: MARCH

ATTN: Bruce Austin

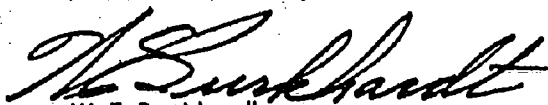
P.O.#:

DESCRIPTION: Perform Volatile Organic Scan on 22 submitted samples from the wells in the Colbert Landfill area. Analyses performed by methods outlined in proposal of December 8th, 1988.

DETECTION LIMITS: 1 part per billion

ND: Not Detected

Respectfully submitted,
ABC LABORATORIES, INC.


W. E. Burkhardt
Manager

USEPA SF



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ABC LABORATORIES, INC.

Spokane County Dept. of Utilities
Lab NO. 32302-89

NAME	(b) (6)					
WELL NO.	1573R-2	1073M-4	1473C-4	1073E-1	0273F-2	1273M-2
Chloroform	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	<1	ND	<1	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
1-Pentene	ND	ND	ND	ND	ND	ND
Cyclopentane	ND	ND	ND	ND	ND	ND
Trans 2-Hexene	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND
Ethylene DiBromide	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND
M-xylene	ND	ND	ND	ND	ND	ND
O-xylene	ND	ND	ND	ND	ND	ND
P-xylene	ND	ND	ND	ND	ND	ND
Cumene	ND	ND	ND	ND	ND	ND
1,2,4-Trimethyl Benzene	ND	ND	ND	ND	ND	ND
P-cymene	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
M-dichlorobenzene	ND	ND	ND	ND	ND	ND
O-dichlorobenzene	ND	ND	ND	ND	ND	ND
P-dichlorobenzene	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Cis 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
Trans 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
1,1,2,-Trichloroethane	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND	ND	ND

ABC LABORATORIES, INC.

Spokane County Dept. of Utilities
Lab NO. 32302-89

NAME	(b) (6)					
WELL NO.	0273E-1	1573C-6	1573C-13	1073P-2	1573B-4	2373M-1
Chloroform	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	8	ND	ND	ND	16	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
1-Pentene	ND	ND	ND	ND	ND	ND
Cyclopentane	ND	ND	ND	ND	ND	ND
Trans 2-Hexene	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND
Ethylene Dibromide	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND
M-xylene	ND	ND	ND	ND	ND	ND
O-xylene	ND	ND	ND	ND	ND	ND
P-xylene	ND	ND	ND	ND	ND	ND
Cumene	ND	ND	ND	ND	ND	ND
1,2,4-Trimethyl Benzene	ND	ND	ND	ND	ND	ND
P-cymene	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
M-dichlorobenzene	ND	ND	ND	ND	ND	ND
O-dichlorobenzene	ND	ND	ND	ND	ND	ND
P-dichlorobenzene	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Cis 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
Trans 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
1,1,2,-Trichloroethane	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND	ND	ND

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Spokane County Dept. of Utilities
Lab NO. 32302-89

NAME	(b) (6)			(b) (6) Springs	(b) (6)	
WELL NO.	1573F-4	0273D-2	073A-2	1073P-1	1573C-2	1173N-1
Chloroform	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ND	ND	ND	ND	ND	ND
Trichloroethylene	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ND	ND	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND	ND	ND
1-Pentene	ND	ND	ND	ND	ND	ND
Cyclopentane	ND	ND	ND	ND	ND	ND
Trans 2-Hexene	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND
Toluene	ND	ND	ND	ND	ND	ND
Ethylene Dibromide	ND	ND	ND	ND	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND
M-xylene	ND	ND	ND	ND	ND	ND
O-xylene	ND	ND	ND	ND	ND	ND
P-xylene	ND	ND	ND	ND	ND	ND
Cumene	ND	ND	ND	ND	ND	ND
1,2,4-Trimethyl Benzene	ND	ND	ND	ND	ND	ND
P-cymene	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND
M-dichlorobenzene	ND	ND	ND	ND	ND	ND
O-dichlorobenzene	ND	ND	ND	ND	ND	ND
P-dichlorobenzene	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethane	ND	ND	ND	ND	ND	ND
Trans 1,2-Dichloroethylene	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND
Cis 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
Trans 1,3-Dichloropropylene	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND
1,1,2,-Trichloroethane	ND	ND	ND	ND	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND	ND	ND

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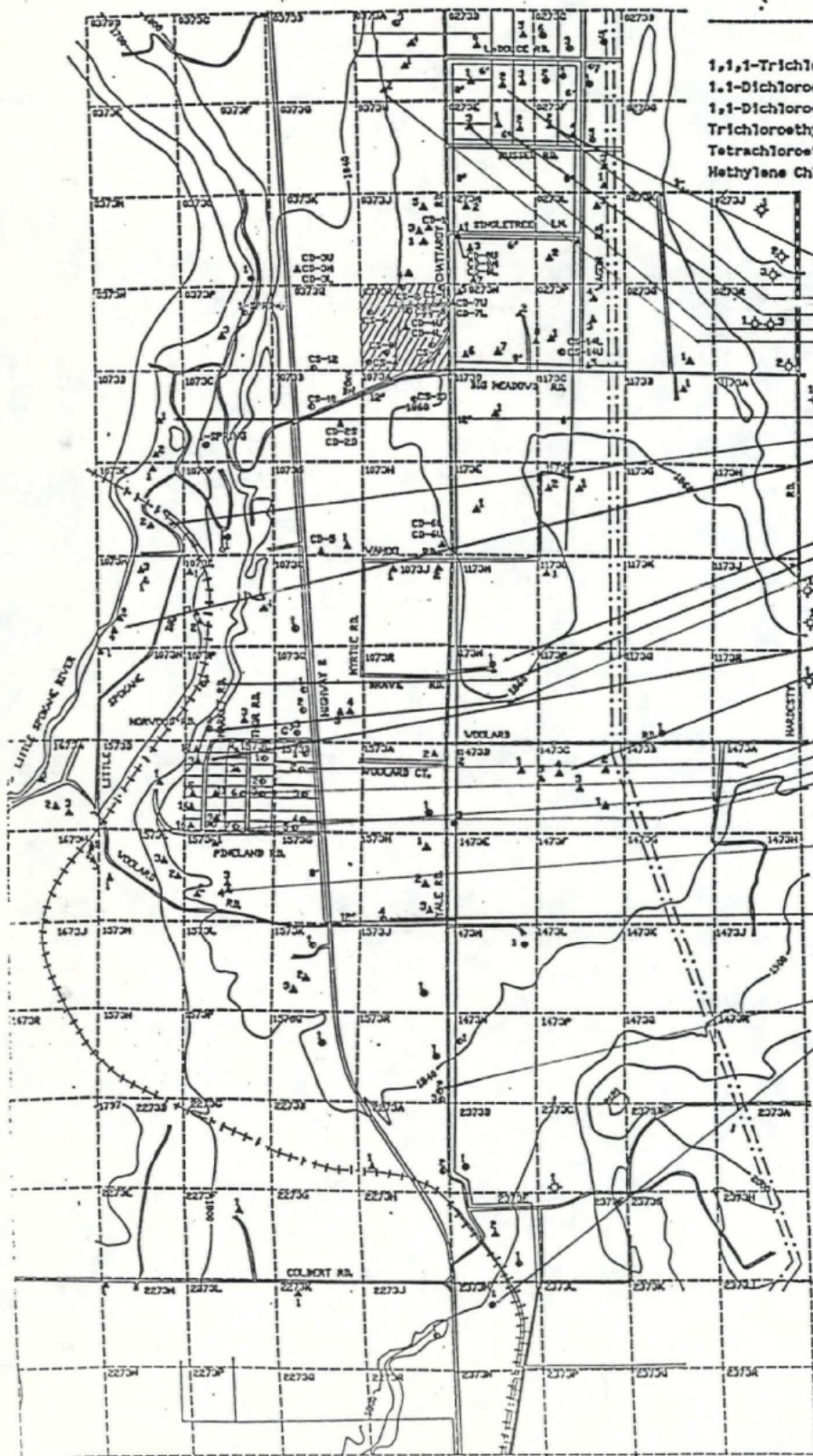
NAME	(b) (6)			
WELL NO.	1573C-7	0273E-2	1073E-2	1573H-4
Chloroform	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND
1,1-Dichloroethylene	ND	ND	ND	22
Trichloroethylene	ND	ND	ND	1
1,1,1-Trichloroethane	<1	ND	6	344
Tetrachloroethylene	ND	ND	ND	ND
Methylene Chloride	ND	ND	ND	ND
1-Pentene	ND	ND	ND	ND
Cyclopentane	ND	ND	ND	ND
Trans 2-Hexene	ND	ND	ND	ND
Benzene	ND	ND	ND	ND
Toluene	ND	ND	ND	ND
Ethylene DiBromide	ND	ND	ND	ND
Ethyl Benzene	ND	ND	ND	ND
M-xylene	ND	ND	ND	ND
O-xylene	ND	ND	ND	ND
P-xylene	ND	ND	ND	ND
Cumene	ND	ND	ND	ND
1,2,4-Trimethyl Benzene	ND	ND	ND	ND
P-cymene	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND
M-dichlorobenzene	ND	ND	ND	ND
O-dichlorobenzene	ND	ND	ND	ND
P-dichlorobenzene	ND	ND	ND	ND
Methyl Ethyl Ketone	ND	ND	ND	ND
Acetone	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND
Bromoform	ND	ND	ND	ND
Carbon Tetrachloride	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND
Trans 1,2-Dichloroethane	ND	ND	ND	ND
Trans 1,2-Dichloroethylene	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND
Cis 1,3-Dichloropropylene	ND	ND	ND	ND
Trans 1,3-Dichloropropylene	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
1,1,2,-Trichloroethane	ND	ND	ND	ND
2-Chloroethylvinyl Ether	ND	ND	ND	ND

SYMBOL	LAYER	DESCRIPTION
	ROADS	EXISTING ROADS
	CD LINE	CD CENTERLINE
	POWER	TRANSMISSION & PLE
	WATER	RIVERS & STREAM
	GRID	1/4 SECTION
	CD	CD LINE
+	SHALLO	WELL MARK IN SOIL
+	WTP	WELL MARK IN TRIP
+	WATER	WELL MARK IN WATER
		DESIGNATE TO BE LAMPILL

FOR IDENTIFICATION OF WELLS
SEE WELL OWNER/MANNER LEGEND

* Health Protection Levels are not to be exceeded, during operational life of remedial action in effluents from groundwater treatment systems. Permanent reduction of contaminant concentrations below these levels throughout the site will indicate completion of the remedial action.

Contaminant	Maximum Concentration parts per billion (ug/l)	Basis
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1,1,1-Trichloroethane (TCA)	200.0	HCL
1,1-Dichloroethylene (DCE)	7.0	HCL
1,1-Dichloroethane (DCA)	4050.0	HAC
Trichloroethylene (TCE)	5.0	HCL
Tetrachloroethylene (PCE or TETRA CL)	0.7	10 - 8 cancer ri
Methylene Chloride (HC)	2.5	10 - 8 cancer ri

DATE	TIME	WELL #	11-TGA	11-OCF	11-OCG	11-TCA	11-TETRA	11-CHLORO
APR 24, 1968	022302-00	WELL #	11-TGA	11-OCF	11-OCG	11-TCA	11-TETRA	11-CHLORO
	02730-2	NO	NO	NO	NO	NO	NO	NO
	02730-2	NO	NO	NO	NO	NO	NO	NO
	02730-1	NO	NO	NO	NO	NO	NO	NO
	02730-2	NO	NO	NO	NO	NO	NO	NO
	02730-5	NO	NO	NO	NO	NO	NO	NO

DEEP						
APR 24, 1989 #32302-89	WELL #	111-TGA	11-DCE	11-DCA	TCE	TETRACHLORODIB
(b)	1073E-1	c1	ND	ND	ND	ND
	1073E-2	#	ND	ND	ND	ND
(6)	1073M-4	c1	ND	ND	ND	ND

SHALLOW							
APR 24, 1988 #32302-88 WELLS # 111-TGA 11-DCR 11-DCR TCE TETRACL CHLOROFORM							
(b)		1172M-1	ND	ND	ND	ND	ND
(b)	SPRINGS	1073P-1	ND	ND	ND	ND	ND
(b)	(M)	1073P-2	ND	ND	ND	ND	ND

DEEP							
APR 24, 1969 #32302-89 WELL # 111-YGA 11-DCE 11-DGA TCE, TETRAHL CHLOROFORM							
(b)	12734-2	ND	ND	ND	ND	ND	ND
	15735-12	ND	ND	ND	ND	ND	ND
(6)	14736-4	ND	ND	ND	ND	ND	ND

APR 24, 1982 #32202-S2	WELL #	111-TGA	11-DGF	11-DGA	TCE	TETRACL	CHLOROFORM
15720-2	ND	ND	ND	ND	ND	ND	ND
15720-8	ND	ND	ND	ND	ND	ND	ND
15720-7	<1	ND	ND	ND	ND	ND	ND
15728-4	5.8	ND	ND	ND	ND	ND	ND

APR 24, 1989 #32302-89	WELL #	111-TCA	11-DCE	11-DCA	TCE	TETRACHL	CHLOROFORM
(b) (6)	1573F-4	NO	NO	NO	NO	NO	NO

SHALLOW							
APR 24, 1989	832302-89	WELL #	111-TCA	11-DOE	11-DOA	TCE	TETRACL CHLOROFORM
(b)		1573H-4	244	22	ND	1	ND ND

SHALLOW								
228 24. 1988 832812-82 3611 9	115-TCA	11-DOE	11-DCA	TCE	TETRACL	PERCHLOROM		
(b) 15732-2	ND	ND	ND	ND	ND	ND		
83734-4	ND	ND	ND	ND	ND	ND		

DRAGON BYE BOWLING FLIGHT